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PTO/SB/21 (09-04)  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/675,852	
	Filing Date	30 September 2003	
	First Named Inventor	HEARD, Jacqueline	
	Art Unit	1638	
	Examiner Name	Not yet assigned	
Total Number of Pages in This Submission	885	Attorney Docket Number	MBI-0022CIP

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement (1 page, in duplicate) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): - Return Receipt Postcard - Form 1449 (4 pages) - 23 References (Cites 9-11 and 17-36) ( 877 pages)
<b>Remarks</b> Cite 9 (62 p)   Cite 20 (2 p)   Cite 26 (6 p)   Cite 32 (5 p) Cite 10 (143 p)   Cite 21 (3 p)   Cite 27 (3 p)   Cite 33 (8 p) Cite 11 (577 p)   Cite 22 (11 p)   Cite 28 (2 p)   Cite 34 (14 p) Cite 17 (5 p)   Cite 23 (8 p)   Cite 29 (2 p)   Cite 35 (5 p) Cite 18 (13 p)   Cite 24 (1 p)   Cite 30 (1 p)   Cite 36 (2 p) Cite 19 (1 p)   Cite 25 (1 p)   Cite 31 (2 p)   ref total 877 pages		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Mendel Biotechnology, Inc.		
Signature			
Printed name	Jeffrey M. Libby		
Date	March 2, 2005	Reg. No.	48,251

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Jeffrey M. Libby	Date	March 2, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/675,852 )  
In re application of: HEARD, Jacqueline, *et al.* )  
Filed: 30 September, 2003 )  
Art Unit: 1638 )  
Examiner: Not yet assigned )  
Docket No. MBI-0022CIP )  
Customer No. 23678 )

Mail Stop Amendment  
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**SUBMISSION OF INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(b)**

Dear Sir:

Please find enclosed herewith the Information Disclosure Statement (Form 1449) listing 36 references, including thirteen (13) U.S. patent application publications submitted in compliance with the USPTO's electronic filing system (Cites 1-8 and 12-16), and twenty-three (23) additional references enclosed for the above-referenced patent application (Cites 9-11 and 17-36).

Applicants believe that this Information Disclosure Statement has been filed within the time limits as set forth in 37 C.F.R. § 1.97(b)(3). However, if the Commissioner determines that an additional fee is due, the Commissioner is hereby authorized to debit or charge (respectively) Mendel Biotechnology, Inc. Deposit Account No. **50-1025**. This form is enclosed in duplicate.

Respectfully submitted,

Date: March 2, 2005 By: \_\_\_\_\_

Jeffrey M. Libby, Ph.D.  
Registration No. 48,251

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/675,852		
		Filing Date	September 30, 2003		
		First Named Inventor	HEARD, Jacqueline		
		Art Unit	1638		
		Examiner Name	To Be Assigned		
Sheet	1	of	4	Attorney Docket Number	MBI-0022CIP

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-2003/018330A1	10-02-2003	HEARD J. et al	Table 5; SEQ ID NO: 1, 2
	2	US-2003/0217383A1	11-20-2003	REUBER T.L. et al	Tables 4-6, para. 312, SEQ ID NO: 101-102, 113-114, 133-134 Claims 1, 14, 28
	3	US-2003/0226173A1	12-04-2003	RATCLIFFE, O. et al	Tables 4-6, SEQ ID NO: 289-290
	4	US App. 60/434,166	Unpublished	CREELMAN, R. et al.	Tables 4-8, SEQ ID NO: 1-3, 24, 39-40, 75-79, 100, 149-150
	5	US-2003/0126638A1	07-03-2003	ALLEN W.B., et al.	SEQ ID NO: 156, 158, 160, 164 170, 174, 178, 197-200
	6	US-2004/0019927A1	01-29-2004	SHERMAN, B.K. et al.	Tables 4-10, SEQ ID NO: 87-90, 93-94, 746-807, 825-837, 2009- 2010, 2053-2054, 2101-2102, 2171-2172, para. 894-910 and 918-925, Claims 1-10, 16-18, 35-38, 90-100
	7	US-2004/0045049A1	03-04-2004	ZHANG, J. et al.	Tables 4-10, SEQ ID NO: 305- 306, 309-310, 1155-1191, para. 858-873, claims 1-10, 18, 95-110
	8	US App. No. 10/666,642	Unpublished	JIANG, C.Z. et al.	Tables 4-8, SEQ ID NO: 105-106, 2134-2187, Cl. 1-12

FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	9	WO 02/057439	07/05/2002	Cahoon R.	SEQ ID NO: 31, 33 and 34	
	10	WO01/45493	06/28/2001	Costa e Silva, O. et al.	SEQ ID NO: 8, 14, 15 and 21	
	11	WO02/16655	06/28/2001	Harper, J. et al.	SEQ ID NO: 1042, Tables 1-3; Claims 1-6, 19, 22, 34, 40, 43, 85-87, 96-109, 111-114, 121-123, 129-144, 156-161	

Examiner Signature	Date Considered
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Application Number</b>	10/675,852
				<b>Filing Date</b>	September 30, 2003
				<b>First Named Inventor</b>	HEARD, Jacqueline
				<b>Art Unit</b>	1638
				<b>Examiner Name</b>	To Be Assigned
				<b>Attorney Docket Number</b>	MBI-0022CIP
Sheet	2	of	4		

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	12	US-6,677,504	01-13-2004	da COSTA e SILVA, et al.	SEQ ID NO: 7, 15 and 23
	13	US-20040111768A1 (equiv. to US 6,677,504)	06-10-2004	da COSTA e SILVA, et al.	Fig. 1 A-H, Fig 3 A-H, Fig. 9 SEQ ID NO: 8, 14, 15 and 21
	14	US-20020023281A1	02-21-2002	GORLACH, J. et al.	SEQ ID NO: 896, para. 19
	15	US-20040009476A1	01-15-2004	HARPER, J. et al.	SEQ ID NO: 1042, Tables 1-3; Claims 1-2, 12-13, 24, 29, 32-58, 66-73
	16	US-20020102695A1	08-01-2002	da COSTA e SILVA, et al	SEQ ID NO: 7, 15 and 23 Fig. 1 A-H, Fig 3 A-H, Fig. 9

[illegible]

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/675,852
		Filing Date	September 30, 2003
		First Named Inventor	HEARD, Jacqueline
		Group Art Unit	1638
		Examiner Name	To Be Assigned
		Attorney Docket Number	MBI-0022CIP
Sheet	3	of	4

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	17	LI, X-Y et al. (1992) Evolutionary variation of the CCAAT-binding transcription factor NF-Y. Nucl. Acids Res. 20: 1087-1091	
	18	CARRE, I. et al. (1995) Multiple DNA-protein complexes at a circadian-regulated promoter element. Plant Cell 7: 2039-2051	
	19	EDWARDS, D. et al. (1997) Transcription factor [Arabidopsis thaliana]. NCBI acc. no. Y13723/CAA74051.1	
	20	EDWARDS, D. et al. (1998) Transcription factor [Fragment]. TrEMBL entry 023634	
	21	EDWARDS, D. et al. (1998) CCAAT-binding transcription factor subunit A. TrEMBL entry 023310	
	22	LOTAN, T. et al. (1998) Arabidopsis LEAFY COTYLEDON1 is sufficient to induce embryo development in vegetative cells. Cell 1195-1205	
	23	EDWARDS, D. et al. (1998) Multiple genes encoding the conserved CCAAT-box transcription factor complex are expressed in Arabidopsis. Plant Physiol. 117: 1015-1022	
	24	LI, X-Y et al. (1999) CAAT-box DNA bind...[gi:22380]. NCBI acc. no. CAA42234	
	25	LI, X-Y et al. (1999) transcription fac...[gi:7443522]. NCBI acc. no. S22820	
	26	KUSNETSOV, V. et al. (1999) The assembly of the CAAT-box binding complex at a photosynthesis gene promoter is regulated by light, cytokinin, and the stage of the plastids. J. Biol. Chem. 274: 36009-36014	
	27	ROUNSLEY S.D. et al. (2000) Putative CCAAT-binding transcription factor subunit. TrEMBL entry Q9SLG0	

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Substitute for form 1449B/PTO			<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			Application Number	10/675,852
			Filing Date	September 30, 2003
			First Named Inventor	HEARD, Jacqueline
			Group Art Unit	1638
			Examiner Name	To Be Assigned
			Attorney Docket Number	MBI-0022CIP
Sheet	4	of	4	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	28	BLOECKER, H. et al. (2000) Transcription factor NF-Y, CCAAT-binding-like protein. TrEMBL entry Q9LFI3	
	29	KANEKO T. et al. (2001) Similarity to CCAAT-box-binding transcription factor. TrEMBL entry Q9FGJ3	
	30	MASIERO S. et al. (2001) NF-YB1 protein [Oryza sativa (japonica cultivar-group)]. NCBI acc. no. CAC37695	
	31	SHINN P. et al. (2001) At2g37060/T2N18.18 [Arabidopsis thaliana]. NCBI acc. no. AAL49943	
	32	BEZHANI, S. et al. (2001) A repressor with similarities to prokaryotic and eukaryotic DNA helicases controls the assembly of the CAAT box binding complex .... J. Biol. Chem. 276: 23785-23789	
	33	GUSMAROLI, G. et al. (2002) Regulation of the Arabidopsis thaliana CCAAT-binding nuclear factor Y subunits. Gene 283: 41-48	
	34	KWONG, R.W. et al. (2003) LEAFY COTYLEDON1-LIKE defines a class of regulators essential for embryo development. Plant Cell 15: 5-18	
	35	LEE, H. et al. (2003) Arabidopsis LEAFY COTYLEDON1 represents a functionally specialized subunit of the CCAAT binding transcription factor. Proc. Natl. Acad. Sci. 100: 2152-2156	
	36	LIN, X., et al. (1999) Putative CCAAT-box binding transcription factor. TrEMBL entry Q9ZQC3	

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